

Fig 1 Polarity protection using diode bridge

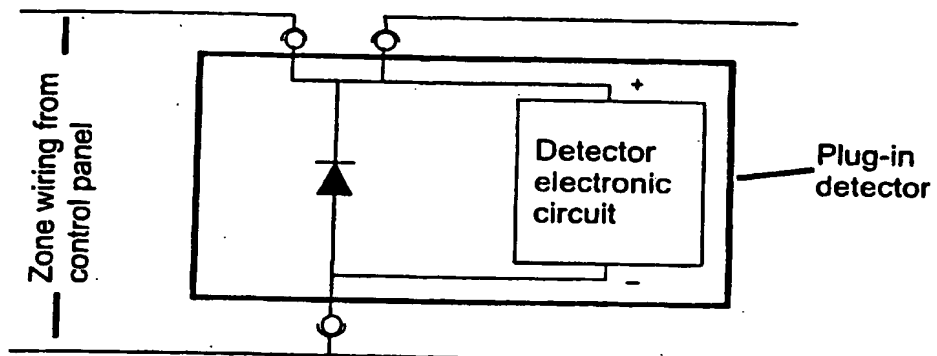


Fig 2 Polarity protection using shunt diode

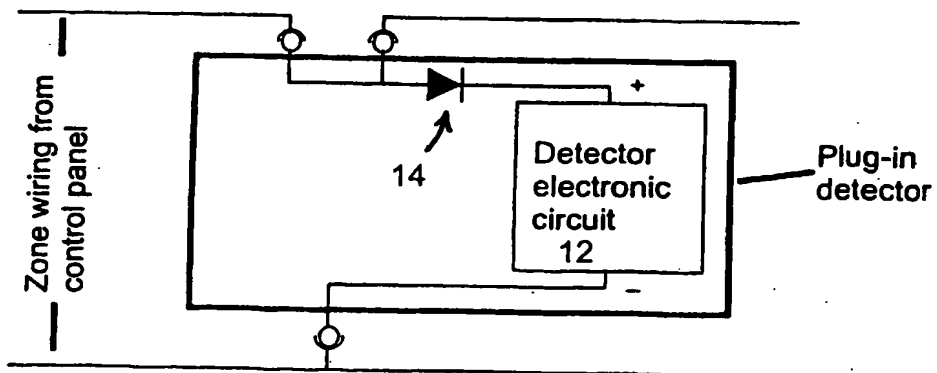


Fig 3 Polarity protection using series diode

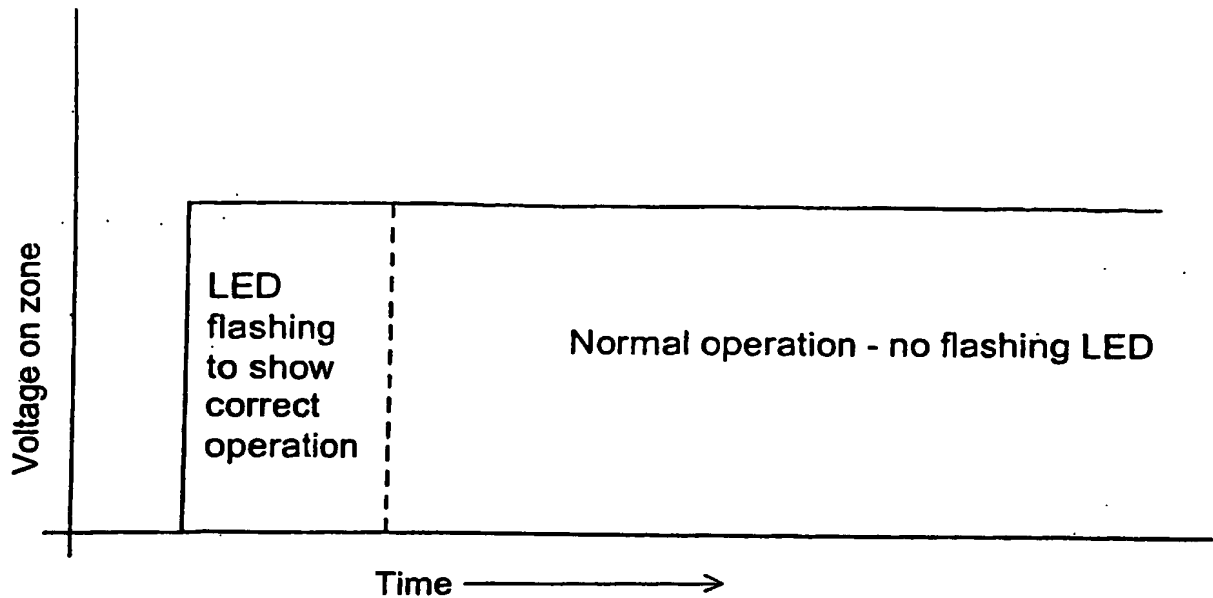


Fig 4 Flashing LED on power-up

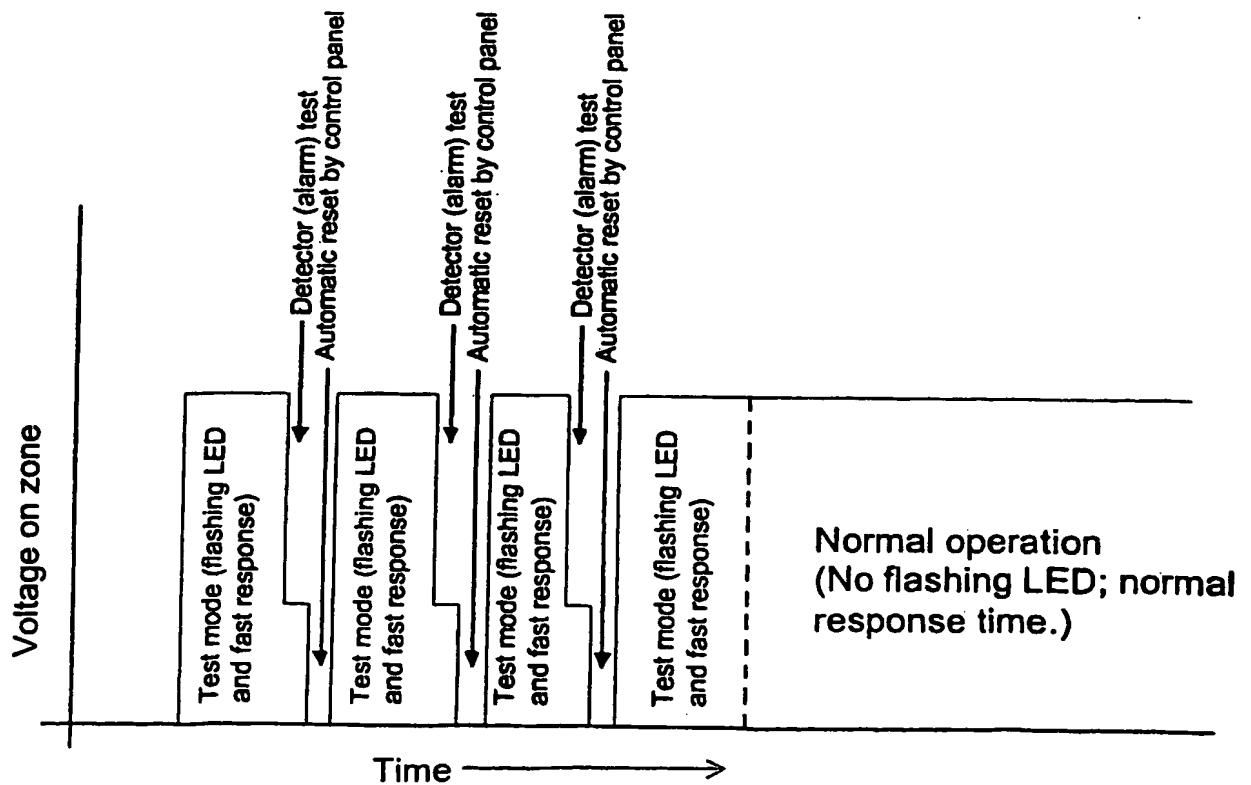


Fig 5 Special test mode on power-up

Fig 6

Flowchart of smoke detector operation from cold start or reset

